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☐ 1. **Predicting future behavior of transient events rapidly enough to evaluate remedial control o|**
Rovnyak, S.; Chih-Wen Liu; Jin Lu; Weimin Ma; Thorp, J.;
Power Systems, IEEE Transactions on
Volume 10, Issue 3, Aug. 1995 Page(s):1195 - 1203
Digital Object Identifier 10.1109/59.466537

AbstractPlus | Full Text: PDF(992 KB)   IEEE JNL
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☐ 2. **Application of synchronised phasor measurements to real-time transient stability prediction**
Liu, C.-W.; Thorp, J.;
Generation, Transmission and Distribution, IEE Proceedings-
Volume 142, Issue 4, July 1995 Page(s):355 - 360

AbstractPlus | Full Text: PDF(408 KB)   IET JNL

☐ 3. **New methods for computing power system dynamic response for real-time transient stabilit**
Chih-Wen Liu; Thorp, J.S.;
Circuits and Systems I: Fundamental Theory and Applications, IEEE Transactions on [see also Cir
Regular Papers, IEEE Transactions on]
Volume 47, Issue 3, March 2000 Page(s):324 - 337
Digital Object Identifier 10.1109/81.841915

AbstractPlus | References | Full Text: PDF(300 KB)   IEEE JNL
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☐ 4. **SPECS simulation validation with efficient transient sensitivity computation**
Nguyen, T.V.; Feldmann, P.; Director, S.W.; Rohrer, R.A.;
Computer-Aided Design, 1989. ICCAD-89. Digest of Technical Papers., 1989 IEEE International C
5-9 Nov. 1989 Page(s):252 - 255
Digital Object Identifier 10.1109/ICCAD.1989.76947

AbstractPlus | Full Text: PDF(384 KB)   IEEE CNF
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☐ 5. **Spatial control of a large PHWR by piecewise constant periodic output feedback**
Tiwari, A.P.; Bandyopadhyay, B.; Werner, H.;
Nuclear Science, IEEE Transactions on
Volume 47, Issue 2, Part 2, April 2000 Page(s):389 - 402
Digital Object Identifier 10.1109/23.846272

AbstractPlus | References | Full Text: PDF(308 KB)   IEEE JNL

6. **Analytical transient solution for short-channel CMOS devices using a pseudo piecewise con**
    Hung-Jung Chen; Carlson, B.S.;
    Circuits and Systems, 1999. 42nd Midwest Symposium on
    Volume 1, 8-11 Aug. 1999 Page(s):317 - 320 vol. 1
    Digital Object Identifier 10.1109/MWSCAS.1999.867270

    AbstractPlus | Full Text: PDF(372 KB)   IEEE CNF
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7. **Efficient transient analysis of nonlinear circuits using Volterra series and piecewise constar**
    Yuan, F.; Raahemifar, K.; Mohammadi, F.A.;
    Circuits and Systems, 2001. ISCAS 2001. The 2001 IEEE International Symposium on
    Volume 3, 6-9 May 2001 Page(s):819 - 822 vol. 2
    Digital Object Identifier 10.1109/ISCAS.2001.921458

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☐ 1. Document ID: US 20050273307 A1

L2: Entry 1 of 1   File: PGPB   Dec 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050273307
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050273307 A1

TITLE: TRANSIENT SIMULATION USING ADAPTIVE PIECEWISE CONSTANT MODEL

PUBLICATION-DATE: December 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Hemmett, Jeffrey E.	St. George	VT	US

US-CL-CURRENT: 703/14

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw D

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Term	Documents
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SIMULATANEOUSLY	78
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☐ 1.   Document ID: US 20050273307 A1

L3: Entry 1 of 5   File: PGPB   Dec 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050273307
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050273307 A1

TITLE: TRANSIENT SIMULATION USING ADAPTIVE PIECEWISE CONSTANT MODEL

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US-CL-CURRENT: 703/14

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 2.   Document ID: US 6137293 A

L3: Entry 2 of 5   File: USPT   Oct 24, 2000

US-PAT-NO: 6137293
DOCUMENT-IDENTIFIER: US 6137293 A

TITLE: Measuring method for equivalent circuitry

DATE-ISSUED: October 24, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wu; Ruey-Beei	Taipei			TW
Wang; Mei-Hua	Taipei			TW

US-CL-CURRENT: 324/638; 324/637, 703/14

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 3.   Document ID: US 6106561 A

L3: Entry 3 of 5   File: USPT   Aug 22, 2000

US-PAT-NO: 6106561
DOCUMENT-IDENTIFIER: US 6106561 A

TITLE: Simulation gridding method and apparatus including a structured areal gridder adapted for use by a reservoir simulator
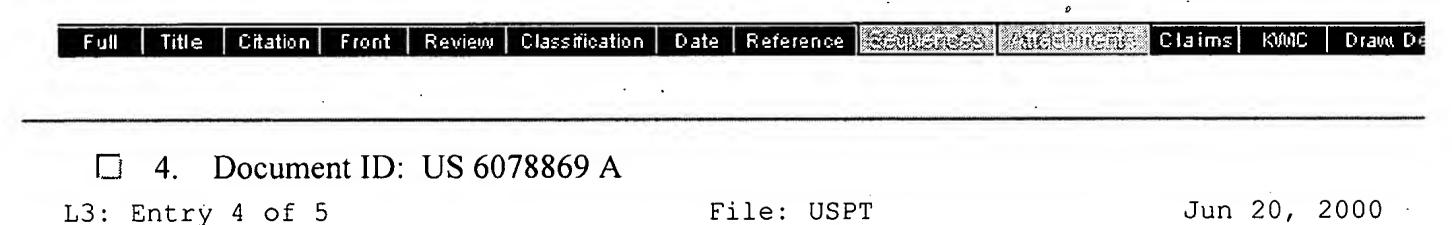
DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:
NAME   CITY   STATE   ZIP CODE   COUNTRY
Farmer; Christopher L.   Abingdon   GB

US-CL-CURRENT: 703/10; 345/423, 367/72, 367/73, 702/11, 702/12, 702/13, 702/16, 702/5, 702/6, 703/2, 703/5

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachment | Claims | KWIC | Draw De |

☐ 4.   Document ID: US 6078869 A

L3: Entry 4 of 5   File: USPT   Jun 20, 2000

US-PAT-NO: 6078869
DOCUMENT-IDENTIFIER: US 6078869 A

TITLE: Method and apparatus for generating more accurate earth formation grid cell property information for use by a simulator to display more accurate simulation results of the formation near a wellbore

DATE-ISSUED: June 20, 2000

INVENTOR-INFORMATION:
NAME   CITY   STATE   ZIP CODE   COUNTRY
Gunasekera; Dayal L.   Curbridge   GB

US-CL-CURRENT: 702/6; 367/69

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 5.   Document ID: US 6018497 A

L3: Entry 5 of 5   File: USPT   Jan 25, 2000

US-PAT-NO: 6018497
DOCUMENT-IDENTIFIER: US 6018497 A

TITLE: Method and apparatus for generating more accurate earth formation grid cell property information for use by a simulator to display more accurate simulation

results of the formation near a wellbore

DATE-ISSUED: January 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gunasekera; Dayal L.	Curbridge			GB

US-CL-CURRENT: 367/72; 367/38, 367/68, 367/69, 367/7, 702/14

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

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Term	Documents
TRANSIENT	143971
TRANSIENTS	32452
PIECEWISE	7067
PIECEWISES	0
PIECEWIZE	19
PIECEWIZES	0
CONSTANT	1343885
CONSTANTS	143821
SIMULAT$	0
SIMULAT	24
SIMULATA	7
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L4: Entry 1 of 4   File: PGPB   Dec 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050273307
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050273307 A1

TITLE: TRANSIENT SIMULATION USING ADAPTIVE PIECEWISE CONSTANT MODEL

PUBLICATION-DATE: December 8, 2005

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Hemmett, Jeffrey E.	St. George	VT	US

US-CL-CURRENT: 703/14

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 2.   Document ID: US 20030069722 A1

L4: Entry 2 of 4   File: PGPB   Apr 10, 2003

PGPUB-DOCUMENT-NUMBER: 20030069722
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030069722 A1

TITLE: Systems, methods and computer program products for creating hierarchical
equivalent circuit models

PUBLICATION-DATE: April 10, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Beattie, Michael W.	Pittsburgh	PA	US
Pileggi, Lawrence T.	Pittsburgh	PA	US

US-CL-CURRENT: 703/14

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 3. Document ID: US 7096174 B2

L4: Entry 3 of 4   File: USPT   Aug 22, 2006

US-PAT-NO: 7096174
DOCUMENT-IDENTIFIER: US 7096174 B2

TITLE: Systems, methods and computer program products for creating hierarchical
equivalent circuit models

DATE-ISSUED: August 22, 2006

PRIOR-PUBLICATION:
DOC-ID   DATE
US 20030069722 A1   April 10, 2003

INVENTOR-INFORMATION:
NAME   CITY   STATE   ZIP CODE   COUNTRY
Beattie; Michael W.   Pittsburgh   PA   US
Pileggi; Lawrence T.   Pittsburgh   PA   US

US-CL-CURRENT: 703/14; 716/18

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 4. Document ID: US 6106561 A

L4: Entry 4 of 4   File: USPT   Aug 22, 2000

US-PAT-NO: 6106561
DOCUMENT-IDENTIFIER: US 6106561 A

TITLE: Simulation gridding method and apparatus including a structured areal
gridder adapted for use by a reservoir simulator

DATE-ISSUED: August 22, 2000

INVENTOR-INFORMATION:
NAME   CITY   STATE   ZIP CODE   COUNTRY
Farmer; Christopher L.   Abingdon   GB

US-CL-CURRENT: 703/10; 345/423, 367/72, 367/73, 702/11, 702/12, 702/13, 702/16,
702/5, 702/6, 703/2, 703/5

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

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